



From: Lavelle.Bonita@epamail.epa.gov
Sent: Thursday, December 02, 1999 4:24 PM
To: mgoldade@issiinc.com
Subject: Vegetable MDL Study

----- Forwarded by Bonita Lavelle/EPR/R8/USEPA/US on 12/02/99
04:24 PM -----

ellen_mcentee@mk.com on 12/01/99 04:12:22 PM

Please respond to ellen_mcentee@mk.com

To: Bonita Lavelle/EPR/R8/USEPA/US@EPA

cc: marta_valentine@mk.com

Subject: Vegetable MDL Study

The vegetable MDL study was performed last week on the NIST SRM 1570. The mean arsenic result was elevated at approximately 0.2 ppm with an MDL of 0.08; the mean lead result was acceptable at 0.2 ppm with an MDL of 0.14.

The laboratory thought the elevated arsenic results may be due to elevated organic carbon levels so recommended we try a more thorough digestion on the samples. In addition, the standard had been diluted 1:5 so suggested also running the standard at a lower dilution (1:2). We directed the lab to run the NIST 1570 standard 4 times using the more thorough digestion; twice with a 1:5 dilution and twice with a 1:2 dilution.

Results of these analyses were available yesterday and are as follows:

1:2 dilution, both results were 0.12 ppm

1:5 dilution, one result was 0.08 ppm and the second was 0.12 ppm

We've instructed the laboratory to run the MDL study again on the NIST SRM 1570 using the more thorough digestion with a 1:2 dilution. Results should be available Friday. The laboratory has prepped the samples so analyses can proceed immediately if MDL results are acceptable.